

Title (en)
Optical pickup integrated with optical system

Title (de)
Integrierter optischer Abtastkopf

Title (fr)
Tête optique intégrée

Publication
EP 0860818 B1 20050504 (EN)

Application
EP 98103214 A 19980224

Priority
JP 4051797 A 19970225

Abstract (en)
[origin: EP0860818A2] In an optical pickup PC, a beam splitter 13 is arranged on an optical path between a hologram 7 and a grating 6. Beam splitter 13 includes a first reflecting surface 8 reflecting part of a beam reflected from a disk, and a second reflecting surface 9 arranged parallel to the first reflecting surface 8. Part of the beam which is reflected from the disk and passed through hologram 7 is reflected at the first reflecting surface 8 and thereafter reflected by the second reflecting surface 9 of beam splitter 13, and thereafter directed to optical waveguide device 11, whereby a signal recorded on the disk is detected (reproduced). The beam which has transmitted through hologram 7 and the first reflecting surface 8 is directed to photodiode 10 and detected as a servo error signal. <IMAGE>

IPC 1-7
G11B 7/12; **G11B 7/135**; **G11B 11/10**

IPC 8 full level
G11B 7/12 (2006.01); **G11B 7/124** (2012.01); **G11B 7/135** (2006.01); **G11B 7/1353** (2012.01); **G11B 7/1356** (2012.01); **G11B 11/105** (2006.01); **G11B 11/18** (2006.01); **G11B 11/20** (2006.01)

CPC (source: EP US)
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